PLANET
Networking & Communication

2008 PRODUCT CATALOGUE

Pioneer of IP Innovation

Pioneer of IP Innovation

PLANET Technology Corporation is a leading global provider of IP-based networking products and solutions for small-to-medium-sized businesses, enterprises, and SOHO markets. PLANET designs, deploys and delivers innovative IP solutions with converged data, voice, and video deployment over the wide range of networking technologies.

PLANET @ A Glance

PLANET provides the industry-leading, reliable, and standard-based networking products and solutions to fulfill the demands with the most complete range of product offerings and superior cost-benefit performance. With a strong mission to be a ***"Pioneer of IP Innovation"*** in the global market, PLANET designs and manufactures networking products and solutions to acheive the goal of continual innovations. It is delivering its promises to be a worldwide Internet Protocol-based (IP) technology leader today and tomorrow, as well as demonstrating its continued commitment to ***innovation, quality, reliability,*** and ***efficiency.***

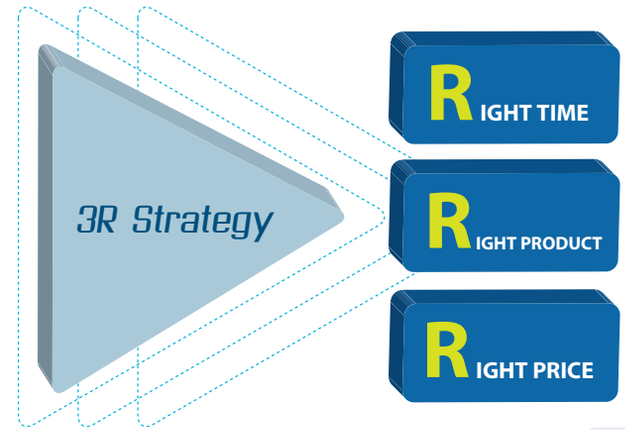
Tradition of Innovations

PLANET was founded in 1993 by a group of computer engineers from Wang Laboratories. Through the cumulated R&D, manufacturing, and global marketing experiences from the world-class computer science enterprise for years, PLANET is dedicated to provide the high-quality and cost-effective networking applications to satisfy the growing demands of entities from of Businesses, Education, Finance, Healthcare and Government. PLANET has been officially listed on Taiwan's Over the Counter Stock Exchange Market with trade code 6263 in September 2003.

Our history of technology innovations provides a firm foundation for breakthroughs in high-performance, next-generation networks. Evolved from core technology of Ethernet Switching since 1993, PLANET extends its IP-based networking expertise by delivering secure integrated products and technologies diversity to address the ongoing networking requirements for its worldwide customers.

Company Philosophy – 3R Strategy

PLANET continues to achieve high level of innovation, and most important of all, its long-lasting company philosophy is the "***3R" strategy - Right Time, Right Product, Right Price.*** By putting the "3R" strategy into practice everyday, we deliver right products at right time to the market with the most cost-effective price. PLANET has set out to achieve maximum customer satisfaction on both business and technological requirements. In this respect, "3R"strategy is the key to success for PLANET, reflecting PLANET's corporate culture which is growth-oriented and forward-looking



Our Promises

"Pioneer of IP Innovation" is our corporate slogan and it is PLANET's promise. It ultimately illustrates PLANET's forward momentum and excellence in delivering the most innovative IP-based products and solutions. "It is a direct expression to tell who we are and what we do. It shows our global brand position and technology focus and that PLANET is devoted, committed, and progressive." says Jack Chen, the Chairman and CEO of PLANET. "The introduction of the slogan helps our worldwide customers and potential users to better recognize and identify PLANET as a brand and understand that PLANET's growth dynamics and core capabilities will be derived from IP-based technology with the coming of the new Internet era."

Global Distribution Channels

Catering to the rapid change of network requirements from all types of businesses and organizations, PLANET has built up the most professional and solid distributor channels in more than 120 countries across 5 continents. To provide market-oriented assistance directly to our partners and distributors worldwide, we offer the most in-depth products and marketing resources. Our business partners and customers can easily access sales and marketing tools via Internet at their convenience. In addition, we offer the fast global logistic delivery via our European Logistic Center at Rotterdam, Netherlands. Our distributors, therefore, can provide professional and localized solutions to local customers. These overseas partners and distributors have placed PLANET culturally and physically closer to customers, ensuring the practice of global branding and local presence, thus creating mutual business opportunities and benefits.

Environmental Policy

PLANET is environmentally aware and is engaged in pollution prevention through a process of continuous improvements and environmental protection awareness programs. In order to address the trends and legislation to develop the "Green Products" compliance with the Environmental Policy, PLANET is actively collaborating with industry peers and suppliers, working towards total compliance of our product lines with WEEE (Waste Electrical and Electronics Equipment) and RoHS requirements.

Brand Values

PLANET's commitment to top quality, product and service differentiation, and innovations has proved our excellence in quality management. To ensure our proving of the cutting-edge products and services, PLANET had received ISO 9001 certification. Honored by world professional and business media and organizations, PLANET's product portfolio has been awarded with recognition of reliability and excellent performance. Meanwhile, PLANET built successful reference sites through its professional distributor channels worldwide to further enhance global brand awareness and position.

PLANET Advantages

Activating IP Power

Renowned for the leading expertise and focus on IP-based technologies, PLANET delivers the most innovative and highly integrated products and solutions, covering the most complete range of cutting-edge networking technologies. All our technologies and product mix are driven and delivered based on the concept of "Activating IP Power" to bring our customers the benefits characterized as energy-saving, ease-to-install, and cost effective.

Products Diversity for Market Segments

It's our unique promise to provide everyone the opportunity of a convenient IP environment by using PLANET's products. This is how the product slogan "Activating IP Power" is created. Our products and solutions are used worldwide, in all businesses of all sizes.

PLANET delivers award-winning, energy-saving, and high-performance professional networking products and solutions divided into the following 9 categories for various target markets:

❖ LAN Switches

The PLANET Enterprise Network products contain the core Gigabit backbone switches, department switches with Gigabit Ethernet uplink, Fast Ethernet optic fiber uplink, modular switches, as well as workgroup switches.

To build up the whole networking infrastructure with the concern of budgets and installation types, the PLANET unmanaged workgroup and converged top to down IP networks will be required, including Layer 3 IP Routing Switches, Layer 2 Stackable Switches with SNMP management and Web manageability.

❖ Media Conversion

For bridging the gap between legacy copper infrastructures and fiber growth, PLANET delivers feature-rich media conversion products connecting one type of media or cabling to another - typically copper to fiber. To meet the worldwide customers' demands, PLANET designs the mix of powerful media conversion products for various network environments.

❖ Power over Ethernet (PoE)

PLANET PoE products offer the cost-effective, easy-to-install and safe powering in terms of Power over Ethernet solution totally. With High-Density, Rack-mountable and remote management design, they are excellent for large installations of Power over Ethernet, such as IP Telephony, Wireless LAN Access Points, IP Cameras and many other appliances. The Powered Devices (PD) are available to receive power as well as data through LAN cabling, without needing to modify the existing Ethernet infrastructure, It can help enterprises improve productivity. And minimizes wires that must be used to install the network for offering lower cost, and less power failures.

❖ Broadband Communication

Based on Digital Subscriber Line (DSL) technology, PLANET DSL products, the G.SHDSL / G.SHDSL.bis routers, speeding up to 4.6Mbps / 5.7Mbps, provide an affordable, flexible, and efficient Internet access solution for business customers while reducing deployment and operational costs from service providers. Using existing telephone lines, the G.SHDSL / G.SHDSL.bis router concentrates all traffic onto a single high-speed trunk for Internet activities or shares a corporate intranet.

The PLANET wired or wireless ADSL 2/2+ Router, provides residential users the ideal solution for sharing a high-speed ADSL 2/2+ broadband Internet connection and a 10/100Mbps Fast Ethernet backbone or a 54Mbps wireless network. It can support downstream transmission rates of up to 24Mbps and upstream transmission rates of up to 3.5Mbps.

❖ Wireless LAN

In order to accommodate enterprise strategies, PLANET provides a broad range of wireless solutions - offering resilient backhaul, high-speed and secure connections, workgroup (VLAN) based connectivity, and branch office services. PLANET solutions are standard-based and interoperable with other standard wireless equipments, which insure the infrastructure investments while enterprises move to advance network technologies.

❖ IP Telephony

PLANET Business VoIP Solution is a perfectly balanced offering minimal complexity to ensure fast returns on investment, increased productivity. PLANET helps enterprise build effective communications. The administrators can rely on connecting office users and business applications both internally and allows enterprise to increase service capability when more office users join the business networks, equipping with the most advanced technologies and multiple-voice interface: FXS, FXO, GSM and ISDN in IP telephony equipments for various environment demands.

❖ IP Surveillance

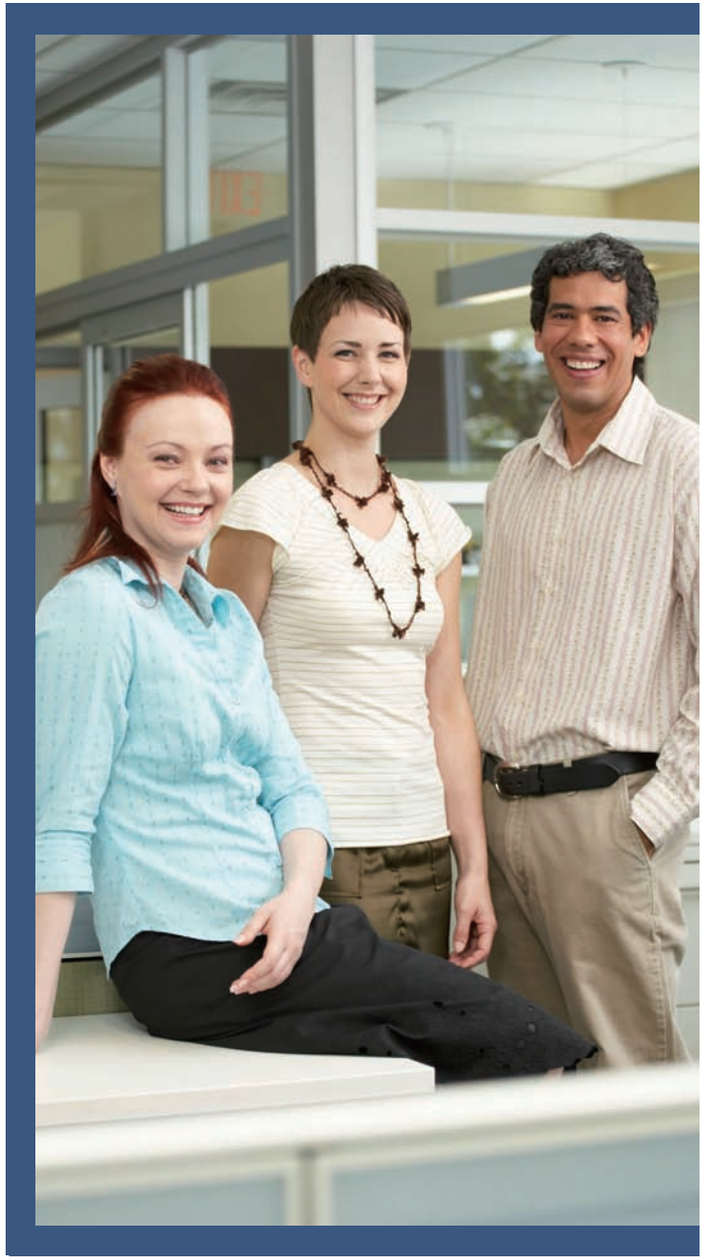
The PLANET Surveillance system can create a suitable home care system with the latest IP surveillance technologies. It can be easily done by users to set up a functional surveillance system. With IP technology, enhance more security level to “Real-Time” monitoring and response than traditional CCTV system. With supporting 3GPP and 2-way audio, the system makes people own the most powerful surveillance solution, not simply video recording equipment.

❖ Network Security

PLANET is now offering users a cost effective, worry-free solution for worldwide customers. It is a cost-effective, highly integrated VPN solution combining high-speed, industry-leading routing technology with a comprehensive suite of advanced, VPN Pass-through, client-to-VPN gateway, LAN-to-LAN VPN solutions.

❖ Network Peripheral

PLANET Network Peripheral saves the additional costs for users to create an effective network environment with the most convenient network peripheral devices, such as installing a print server to share one printer with all users in the office. And it also provides the Internet users to login and print their documents. The Internet management helps network administrators to monitor the power status and make remote connected devices to power on/off without into the computer room.



Awards

Quality & Innovation

Strongly committed to top quality and innovation, PLANT successfully won an array of benchmarks and awards by global dominant professional institutions and media. This also proves that PLANET's recognized success results from its leading brand awareness, global distribution channels, as well as value-added integration.

Forbes Asia — Asia's 200 Best under a Billion

CSR — Taiwan's Excellence in Corporate Social Responsibility

- CHIP Komputer Test Magazine"Best Buy"
- SACM Magazine "Editor's Choice"
- CHIP Komputer Test Magazine "Best Buy"
- Taiwan Symbol of Excellence
- PC World Magazine "Best Product & Best Value"
- Vidi Computer Magazine "Best Buy"
- PC Buyer Magazine "Editor's Choice"
- Information Week "Best Performance"
- PC REVUE Magazine "Best in Test"
- PC Magazine "Editor's Choice"
- Institute for Information Industry "MIS Best Choice"
- MARIV "Best Stability"
- Computer Magazine "Buy This"
- South Africa Computer Magazine "Best on Test with 5 star rating"
- COMPUTEX TAIPEI "Best Choice"
- PC World Computer Magazine "Best Buy"
- MikroDatorn Magazine "Best in Test"
- PC Plus Magazine "Editor's Choice"
- IDC "TOP 8 Sales Values Ranking in Western Europe"
- China Government "Quality Networking & Communication Products"
- CRN Magazine "Top 3 of Wireless Products Brands in Poland"
- Network Solution "Benchtest One"
- "Certification for Networking Products" Giprosvjaz Unitary Enterprise in Belarus
- Certification for establishing conformance of telecommunication equipment in Russia
- PC Direkt Magazine "Best Buy"
- PC Magazine "Editor's Choice"
- Internet Telephony Magazine " Editor's Choice"
- Global Views Monthly "Top 500 Company of Intellectual Capital Ranking"
- Smart Magazine "Top 100 of the Most Promising Companies"
- Common Wealth Magazine "Top 100 of the Most Promising Companies"
- Deloitte Touche Tohmatsu " Asia Pacific Technology Fast 500"
- Business Weekly "Top 31 Most Steady Profit Growth Companies among Top 1000 Taiwan Manufacturers"
- Winmoney Weekly "Taiwan's Top 100 Companies of the Most Strength"

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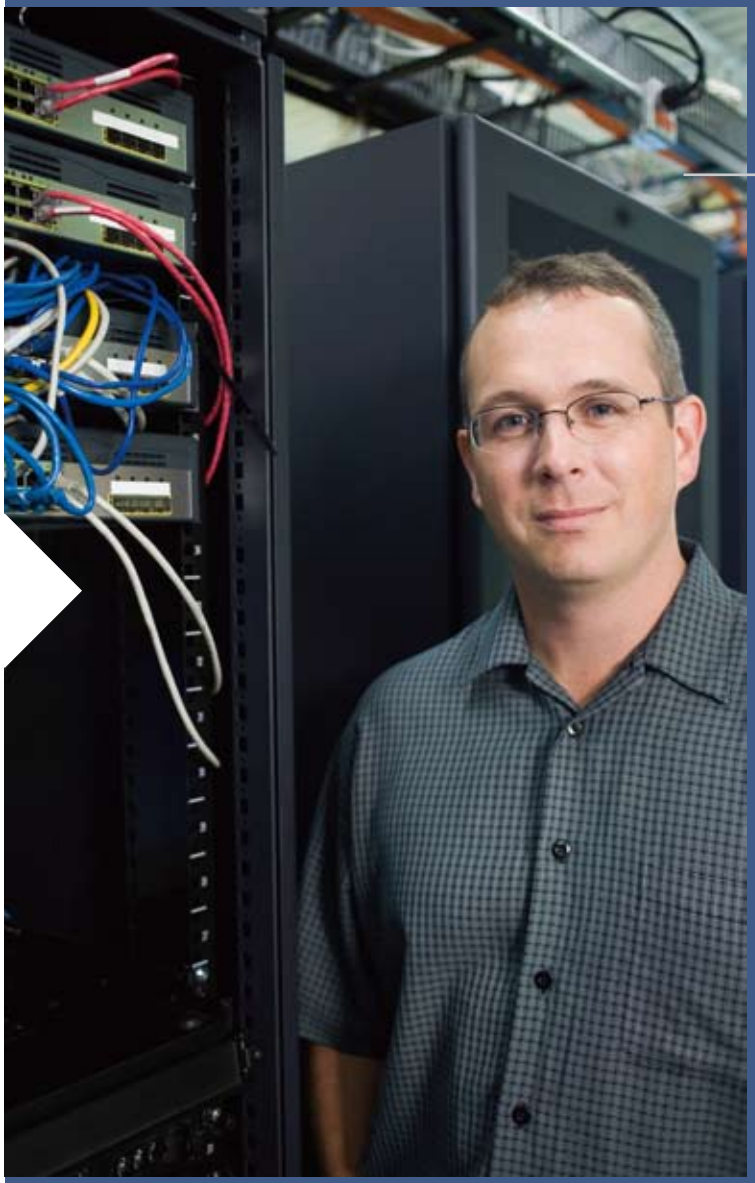


LAN Switches

Get the Power of Gigabit Ethernet, Accelerate Your Network

Gigabit Ethernet installation is becoming more and more affordable from the core to the edge. Upon Ten times speed of Fast Ethernet and hundred times of traditional 10Mbps Ethernet, the installation of Gigabit Ethernet shall be the next trend of network markets shortly from your desktops, workgroups, or departments to the backplane.

PLANET Gigabit Ethernet products offer the top-down total solutions from Layer 3 backbone, Web/SNMP management, and Web/Smart management to desktop Gigabit Ethernet switches. All of them are available for enterprises networking!

- **Performance — up to 48Gbps non-blocking switching fabric**
- **Scalability — Single IP Management**
- **Extension — SX/LX optic model for distance up to 120 kilometers**
- **Flexibility — Modular design flexible in network construction**
- **Management — Web/SNMP or Web/Smart management over network**
- **PoE — Power over Ethernet Support**

The Enterprise Networking

The PLANET Enterprise Network products contain the core Gigabit backbone switches, department switches with Gigabit Ethernet uplink or Fast Ethernet optic fiber uplink and modular switches as well as workgroup switches.

To install the whole network with concern of budgets and installation types, unmanaged workgroup or complicated top to down IP network will be demanded. The range of products includes Layer 3 IP Routing Switch, Layer 2 Stackable Switches with SNMP management and Web manageability.

To make the management efficient and simple, family of Web/Smart switch features low cost with management function for remote control anywhere.

With no need of remote control, the smart family also allows the basic management of the switches to configure and setup it via console program like Hyper Terminal of Windows-based workstations.

L3 Managed Switches

WGS3-24000
24-Port Layer 3 Gigabit Backbone Switch

- 16K MAC address table
- DVMRP, PIM-PM/SM
- RIP v1/v2, OSPF v2
- 802.1Q / port-based VLAN
- L2/L3/L4 ACL
- SNMPv1/v2c/v3

WGS3-24000

WGS3-2840
24-Port Layer 3 Managed Switch

- 16K MAC address table
- 802.1Q VLAN
- 802.1d/w STP protocol
- RIP v1/v2, OSPF
- L3/L4 ACL
- DHCP relay

WGS3-2840

WGS3-2820 / WGS3-5220
24/48-Port Layer 3 Managed Switch

- 16K MAC address table
- DVMRP, PIM-PM/SM
- RIP v1/v2, OSPF v1/v2
- 802.1Q VLAN/ protocol-Based VLAN
- L2/L3/L4 ACL
- SNMPv1/v2c/v3

WGS3-2820

WGS3-5220

L2 Managed Switches

WGSW-24020 / WGSW-48040
24/48-Port Gigabit Backbone Switch

- 8K MAC address table
- 802.1Q VLAN / GVRP
- 802.1d/w/s STP protocol
- 802.1x Authentication
- IGMP Snooping v1/v2
- IP/MAC-Based ACL

WGSW-24020

WGSW-48040

WGSD-8000
8-Port Gigabit Desktop Switch

- 8K MAC address table
- 802.Q VLAN / GVRP
- 802.1d/w/s STP protocol
- 802.1x Authentication
- IGMP Snooping v1/v2
- IP/MAC-Based ACL

WGSD-8000

L2 Managed Switches

WGSW-24010
24-Port Gigabit Backbone Switch

- 4K MAC address table
- 9KB Jumbo frame
- 802.1Q VLAN / 802.1p(WRR)
- LACP/ Port Mirror/ IGMP Snooping
- 802.1d/w STP protocol
- SNMPv1/v2c

WGSW-24010

WGSD-1022
8-Port Desktop Management Switch

- 8K MAC address table
- 802.1Q VLAN / GVRP
- 802.1d/w/s STP protocol
- 802.1x Authentication
- L2-L4 ACL
- SNMPv1/v2c/v3

WGSD-1022

WGSW-2840/ WGSW-5240
24/48-Port Stackable Department Switch

- 8K MAC address table
- 802.1Q / port-based VLAN
- 802.1d/w STP protocol
- 802.1x Authentication
- IP-Based stacking technology
- SNMPv1/v2c

WGSW-2840

WGSW-5240

WSD-800 / WGSD-910
8-Port Stackable Desktop Switch

- 8K MAC address table
- 802.1Q / port-based VLAN
- 802.1d/w STP protocol
- 802.1x Authentication
- MAC address filtering / binding
- SNMPv1/v2c

WSD-800

WGSD-910

WSW-2401A
24-Port Stackable Workgroup Switch

- 8K MAC address table
- 802.1Q / port-based VLAN
- 802.1d/w STP protocol
- 802.1x Authentication
- IP-Based stacking technology
- SNMPv1/v2c

Available modules:

WSW-A1ST : 1-Port 100Base-FX (ST)
WSW-A1SC : 1-Port 100Base-FX (SC)

WSW-2401A

FGSW-2620VM
24-Port Managed Department Switch

- 8K MAC address table
- 802.1Q / port-based VLAN
- 802.3ad / 802.1w RSTP
- 802.1x Authentication
- Access Control List function
- IP security for management security

FGSW-2620VM

MGSW-004

4-Slot Modular Managed Switch

- 4 expansion slots to configure flexible network
- Console/ Telnet /Web management
- IEEE 802.1Q Tagging VLAN
- IEEE 802.1D Spanning Tree
- IGMP/ Port Mirror
- Port Priority- 802.1p & ToS

Available modules :

MGSW-8TP : 8-Port 10/100Base-TX (RJ-45)
MGSW-4ST : 4-Port 100Base-FX (ST)
MGSW-4SC : 4-Port 100Base-FX (SC)
MGSW-1SX : 1-Port 1000Base-SX (SC)
MGSW-1LX: 1-Port 1000Base-LX (SC)
MGSW-1GT: 1-Port 1000Base-T (RJ-45)

MGSW-004

GSW-1602SF / GSW-2404SF / GSW-2416SF

16/24-Port Gigabit Backbone Switch

- 8K MAC address table
- 802.1Q / port-based VLAN
- 802.1w STP protocol
- 802.3ad/ IGMP Snooping
- Bandwidth control / Port Mirroring
- 802.1x Authentication
- Policy-Based DiffServ, QoS
- IGMP Snooping v3, SNMP, RMON

GSW-1602SF

GSW-2404SF

GSW-2416SF

FGSW-4840S

48-Port Department Switch

- 8K MAC address table
- 802.1Q / port-based VLAN
- Bandwidth control
- Trunk / QoS
- Port Security / Port Mirror
- Static / filter MAC address

FGSW-4840S

FGSW-2402VS / FGSW-2620VS / FGSW-2624SF

24-Port Department Switch

- 8K MAC address table
- 802.1Q / port-based VLAN
- Trunk function for bandwidth aggregation
- Port Mirroring
- QoS / Bandwidth control
- Access Control List

Available modules :

MII-GT: 1-Port 1000Base-T (RJ-45)
MII-SX: 1-Port 1000Base-SX (SC)
MII-LX: 1-Port 1000Base-LX (SC)
MII-SFP: 1-Port 1000Base-T/SFP
MII-ST: 1-Port 100Base-FX (ST)
MII-SC: 1-Port 100Base-FX (SC)

FGSW-2402VS

FGSW-2620VS

FGSW-2624SF

L2 Web Smart Switches

FGSW-1820CS / FGSW-2620CS
16/24-Port Department Switch

- 4K MAC address table
- Remote Web management
- Port mirror / Bandwidth control
- 802.1Q VLAN / Port-based VLAN
- Trunk / QoS
- Web firmware upgradable

FGSW-1820CS

FGSW-2620CS

FNSW-2401CS
24-Port Workgroup Switch

- 4K MAC address table
- Remote Web management
- 24 Port-based VLAN groups
- Bandwidth control / QoS
- Trunk function for bandwidth aggregation
- Port mirror for dedicated port monitoring

FNSW-2401CS

Available modules :
MII-ST: 1-Port 100Base-FX (ST)
MII-SC: 1-Port 100Base-FX (SC)

L2 Smart Switches

FGSW-1820RS / FGSW-2620RS
16/24-Port Department Switch

- 8K MAC address table
- Local console management
- 26 Port-based VLAN groups
- Trunk function for bandwidth aggregation
- QoS / Bandwidth Control
- IGMP Snooping

FGSW-1820RS

FGSW-2620RS

L2 Unmanaged Switches

GSW-1601 / GSW-2401 / GSW-2416
16/24-Port Backbone Switch

- 340/400/500 Kbytes on-chip frame buffer
- 8K MAC address table
- 9KB Jumbo frame
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- CSMA / CD protocol

GSW-1601

GSW-2401

GSW-2416

L2 Desktop Switches

FGSW-2620
24-Port Department Switch

- 4K MAC address table
- Store-and-Forward
- 8.8Gbps non-blocking architecture
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- CSMA / CD protocol

FGSW-2620

FNSW-1601 / FNSW-2401 / FNSW-4800
16/24/48-Port Workgroup Switch

- 8K MAC address table
- Store-and-Forward switch architecture
- Flow control to eliminate packets loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- CSMA / CD protocol

FNSW-1601

FNSW-2401

FNSW-4800

GSD-800 / GSD-800S / GSD-802S
8-Port Backbone Switch

- 8K MAC address table
- 9KB Jumbo frame
- Remote Web Management (GSD-800S /GSD-802S)
- 802.1Q / Port-based VLAN
- 802.1w Rapid Spanning Tree
- 802.3ad LACP / Bandwidth Control
- 802.1x Authentication

GSD-800

GSD-800S

GSD-802S

FSD-1605 / FSD-2405
16/24-Port Workgroup Switch

- 8K MAC address table
- Store-and-Forward switch architecture
- Flow control to eliminate packets loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- Desktop-size and easy to install anywhere

FSD-1605

FSD-2405

L2 Desktop Switches

FSD-1600 / FSD-1601(ST & SC)
16-Port Workgroup Smart Switch

- 8K MAC address table
- Store-and-Forward switch architecture
- Flow control to eliminate packets loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- DIP Switch for smart function

FSD-1600

FSD-1601

FSD-800 / FSD-801(ST & SC)
8-Port Workgroup Switch

- 8K MAC address table
- Store-and-Forward switch architecture
- Flow control to eliminate packets loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- CSMA / CD protocol

FSD-800

FSD-801

SOHO Switches

SW-504 / SW-804
5/8-Port Plastic Desktop Switch

- 1K MAC address table
- Store-and-Forward switch architecture
- Flow control to eliminate packets loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- CSMA / CD protocol

SW-504

SW-804

GSD-503 / GSD-504 / GSD-803 / GSD-804
5/8-Port Gigabit Desktop Switch

- 8K MAC address table
- 9KB Jumbo Frame
- Flow control to eliminate packets loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- CSMA / CD protocol

GSD-503

GSD-803

GSD-504

GSD-804

FSD-503 / FSD-803 / FSD-1603
5/8/16-Port Metal Case Desktop Switch

- 1/2/4K MAC address table
- Store-and-Forward switch architecture
- Flow control to eliminate packets loss
- MAC address learning and ageing
- Auto MDI/MDIX on each port
- CSMA / CD protocol

FSD-503

FSD-803

FSD-1603

VDSL2 Switch

VC-810S
8-Port Managed VDSL2 Switch

- Built-in POTS splitter for each VDSL port
- 8K MAC address table
- 802.1Q VLAN / Port-based VLAN
- 802.1p QoS / Bandwidth Control
- Web-Based management
- Supports PLANET Smart Discovery Utility

VC-810S

Mini GBIC modules

SFP Fiber Optical Module	
MGB-GT	SFP-Port 1000Base-T Module
MGB-SX	SFP-Port 1000Base-SX mini-GBIC Module
MGB-LX	SFP-Port 1000Base-LX mini-GBIC Module
MGB-L30	SFP-Port 1000Base-LX mini-GBIC Module, 30km
MGB-L50	SFP-Port 1000Base-LX mini-GBIC Module, 50km
MGB-L70	SFP-Port 1000Base-LX mini-GBIC Module, 70km
MGB-L120	SFP-Port 1000Base-LX mini-GBIC Module, 120km
MGB-LA10	SFP-Port 1000Base-LX (WDM, TX: 1310nm) mini-GBIC Module, 10km
MGB-LB10	SFP-Port 1000Base-LX (WDM, TX: 1550nm) mini-GBIC Module, 10km
MGB-LA20	SFP-Port 1000Base-LX (WDM, TX: 1310nm) mini-GBIC Module, 20km
MGB-LB20	SFP-Port 1000Base-LX (WDM, TX: 1550nm) mini-GBIC Module, 20km
MGB-LA40	SFP-Port 1000Base-LX (WDM, TX: 1310nm) mini-GBIC Module, 40km
MGB-LB40	SFP-Port 1000Base-LX (WDM, TX: 1550nm) mini-GBIC Module, 40km

Industrial Switches

ISW-802M / ISW-800M
8-Port Managed Industrial Switch

- 2K MAC address table
- Ring function data redundant 300ms data recovery
- 802.1Q / Port-based VLAN
- 802.1d/w STP protocol
- Web/SNMP management
- IP-30 Aluminum case

ISW-800M

ISW-802M

ISW-500 / ISW-800
5/8-Port Industrial Switch

- 1/2K MAC address table
- Auto MDI/MDI-X on TP port
- Store-and-Forward architecture
- 12 to 48V DC power inputs
- DIN-Rail and 3-way wall mount design
- IP-30 Aluminum case

ISW-500

ISW-800

IFT-802 / IFT-802S15
Industrial Fiber Converter

- 12 to 48V DC power inputs
- Auto MDI/MDI-X on TP port
- Relay alarm output for port link failure
- DIP-switches for operation mode and Link- Lost-Forwarding
- DIN-Rail or wall mountable
- IP-30 Aluminum case

IFT-802

IFT-802S15

Power over Ethernet

Carry Power Seamlessly over Ethernet

As the network has become and integrated to a part of the enterprises and small-to-medium business, the Ethernet user-based appliances are connected with the switching infrastructure. For the requirement of both data connectivity and power supply, it brings the Power over Ethernet (PoE) technology to the applications that require consolidated power and data.

PLANET PoE products offer the cost effective, easy to install and safe powering in terms of Power over Ethernet solution totally. The IEEE 802.3af compliant mid-span/end-span Power Source Equipment (PSE) eliminates the need for external power supply and its associated AC/DC power cabling by injecting power into the Ethernet cable. The Powered Devices (PD) such as IP Telephones, Wireless LAN Access Points, IP Cameras and many other appliances are also available to receive power as well as data through LAN cabling, without needing to modify the existing Ethernet infrastructure.

- Simplifies the installation of network appliances
- Flexible network deployment options
- Safe powering of standard compliant as well as legacy devices
- Investment protection of existing Ethernet switches and cabling infrastructure
- Centralizes power delivery solution

WGSW-2620PV

24-Port Managed PoE Switch

- 8K MAC address table
- Console/Telnet/Web/SNMP manage
- 802.1Q VLAN / Port-based VLAN
- 802.1d/w STP protocol
- 802.3ad LACP / port mirror
- 802.1x Authentication

Optional UPS device for full power with Redundant

WGSW-2620PV

FSD-804P / FSD-804PS

8-Port with 4 PoE Workgroup Switch

- 2K MAC address table
- 802.1Q VLAN / Port-based VLAN
- Trunk function for bandwidth aggregation
- PoE power Disable / Enable by management interface
- Powered device auto detection
- Web-based management

FSD-804P

FSD-804PS

FGSW-2612PVS / FGSW-2620PVS

24-Port Web Smart PoE Switch

- 8K MAC address table
- 26 802.1Q / Port-based VLAN groups
- Trunk function for bandwidth aggregation
- Port mirror for dedicated port monitoring
- QoS / bandwidth control / ACL
- Web-based management

FGSW-2612PVS

FGSW-2620PVS

FNSW-1608PS

16-Port with 8 PoE Workgroup Switch

- 8K MAC address table
- Port-based VLAN
- Trunk function for bandwidth aggregation
- PoE power Disable / Enable by management interface
- Powered device auto-detection
- Web-based management

FNSW-1608PS

GSD-802PS

8-Port Gigabit Web Smart PoE Switch

- 8K MAC address table
- 9KB Jumbo frame
- 802.1Q / Port-based VLAN
- 802.1w Rapid Spanning Tree
- 802.3ad LACP / bandwidth control
- 802.1x Authentication

GSD-802PS

PoE Injector Hub

POE-1200 / POE-2400
12/24-Port PoE Web Smart Injector Hub

- Mid-span power injector box
- Console / Web-based management
- Full power support for per PoE port
- Auto-detect powered device and consumption levels
- Circuit protection prevent power interference among ports
- LED indicators for PoE ready and PoE

POE-1200

POE-2400

POE-400
4-Port Palm-size PoE Injector Hub

- Mid-span power injector box
- Full power support for per PoE port
- Circuit protection prevent power interference among ports
- LED indicator power input indication
- Desktop palm size

POE-400

PoE Injector / Splitter

POE-151 / POE-151S
Single Port Mid-span Injector / Splitter

- DC 48V power over RJ-45 Ethernet cable
- Splits the 48V DC power over RJ-45 Ethernet cable into different DC output
- Choice of splitter for 5V DC and 12V DC
- Auto-detect of POE IEEE 802.3af equipment
- TP port supports passive 10/100Mbps
- Distance up to 100 meters

POE-151 / 151S

POE-152 / POE-152S
Single Port End-span Injector / Splitter

- DC 48V power over RJ-45 Ethernet cable
- Splits the 48V DC power over RJ-45 Ethernet cable into different DC output
- Choice of splitter for 5V DC and 12V DC
- Auto-detect of POE IEEE 802.3af equipment
- TP port supports passive 10/100/1000Mbps
- Distance up to 100 meters

POE-152 / 152S

POE-100 / POE-100S / POE-100SK
Single Port PoE Injector / Splitter

- Low-voltage DC power over existing Category 5 cabling
- Protects devices from possible damages due to power-surges
- Three different output voltage options (5V/2A, 7.5V/1.5A, 12V/1A) to fit various devices
- Distance up to 100 meters

POE-100 / 100S / 100SK

FSD-803PE

PoE Powered 8-Port Fast Ethernet Switch

- 2K MAC address table
- Store-and-Forward switch architecture
- Flow control to eliminate packets loss
- MAC address learning and ageing
- PoE port #1 for powered device
- Auto MDI/MDIX on each port

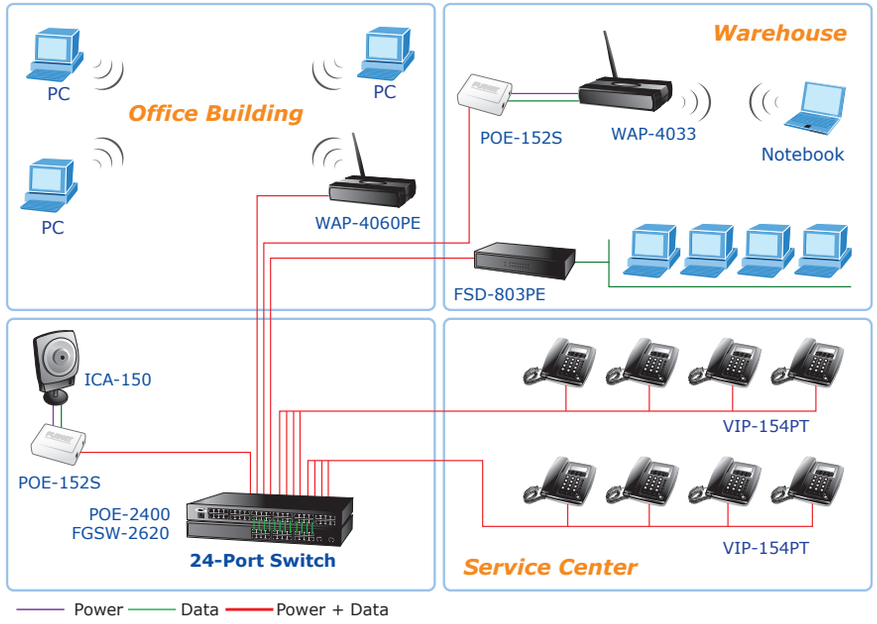
FSD-803PE

PoE Wiring Distbution

The Medium-Dependant Interface (MDI or RJ-45) serves as the data/power interface among Ethernet elements. It has two optional connection methods, to carry the power, End-Span and Mid-Span. The details of this two power feeding alternatives are as below.

Pin	End-Span	Mid-Span
1	Vport-Negative	-
2	Vport-Negative	-
3	Vport-Positive	-
4	-	Vport-Positive
5	-	Vport-Positive
6	Vport-Positive	-
7	-	Vport-Negative
8	-	Vport-Negative

Mid-Span Device PoE Application



Media Conversion

Extend Network Distance via Fiber Optic

As the global network infrastructure is gradually enhanced, the demands for advanced media conversion technology to update, expand or optimize network performance in mixed-media switching environments will be much better than ever. For providing the perfect solution to meet needs of worldwide customers, PLANET designs powerful media converters and delivers product combinations as well for various network environments.

PLANET intelligent chassis with smart converters provide an ideal solution with high reliability and flexibility. They can be managed by console, Telnet, Web and SNMP. In addition, the cost-effective converters without management function also provide customers to quickly deploy their media conversion in network environment.

- **Extension**
  FX, SX, LX optic model is optional for distance up to 100 kilometers
- **Expansion**
  Up to 16-Slot media conversion center
- **Redundancy for Power and Optic Links**
- **Flexibility**
  Plug and play non-stop chassis system
- **Management**
  Web, SNMP or Web, Smart management

To meet the diverse connection types in the connector, ST, SC, MT-RJ, VF-45, LC (small form factor), and Bidi (WDM) are optional for customers. To prevent the situations that fiber cables are used in pair, the Bidi (WDM) converters (model A and model B) could reduce the costs of installation while the single SC fiber-optic wire is provided for both transmitting and receiving.

Media Converter Chassis

MC-1600MR / MC-1600MR48

16-Slot Managed Converter Chassis

- Console / Web-based management
- Hot-swappable feature on each slot
- One RS232 console port and 10/100Mbps TP port for management
- LED indicators for system status monitor
- FST-80x / GST-70x series compatible
- Redundant power supply support
- AC/DC Power for MC-1600MR/MR48

Optional Redundant Power:

- MC-RPS130 (AC)
- MC-RPS48 (48V DC)

MC-1600MR

MC-700 / MC-1000R / MC-1500

7/10/15-Slot Unmanaged Converter Chassis

- Hot-swappable feature on each slot
- LED indicators for system status monitor
- FT-80x / FT-90x / FT-1105A / FT-1205A compatible
- Redundant power supply support (MC-1000R)
- AC Power acceptable
- 10/19-inch Rack mountable

Optional Redundant Power for MC-1000R:

- RPS-120W (AC)

MC-700

MC-1500

MC-1000R

Smart Media Converter

GST-70x

1000T to 1000SX/LX Smart Converter

- DIP switch for smart function setting
- Auto MDI/MDIX on TP port
- LLR / LLCF for fiber connection diagnostic
- LED indicators for status monitor
- Various optional fiber connector on different model
- Manageable through MC-1600MR / MR48

GST-70x

FST-80x

10/100TX to 100FX Smart Converter

- DIP switch for smart function setting
- Auto MDI/MDIX on TP port
- LLR / LLCF for fiber connection diagnostic
- LED indicators for status monitor
- Various optional fiber connector on different model
- Manageable through MC-1600MR / MR48

FST-80x

Standard Media Converter

GT-80x
10/100/1000T to 1000SX/LX Media Converter

- Auto-negotiation on TP port
- LED indicators for status monitor
- Various optional fiber connector on different model
- 10/19-inch chassis compatible (MC-700 / MC-1000R / MC-1500)
- Auto MDI / MDI-X on TP port

GT-80x

GT-70x
1000T to 1000SX/LX Media Converter

- Auto-negotiation on TP port
- LED indicators for status monitor
- DIP switch for auto-negotiation by pass function
- Various optional fiber connector on different model
- 10/19-inch chassis compatible (MC-700 / MC-1000R / MC-1500)
- Auto MDI/MDI-X on TP port

GT-70x

FT-1105A / FT-1205A
3-Port Media Converter

- Auto MDI/MDI-X on TP port
- Hardware redundant swap less than 10 ms
- LED indicators for easy network diagnose
- DIP Switch for 3-Port operation with Switch mode or Redundant mode
- DIP switch for LBR (Loop Back Reply) on / off selection
- 10/19-inch chassis compatible (MC-700 / MC-1000R / MC-1500)

FT-1105A

FT-1205A

FT-80x
10/100TX to 100FX Media Converter

- Auto MDI/MDI-X on TP port
- LED indicators for easy network diagnose
- Various optional fiber connector on different model
- Rear DIP switch for FX duplex mode selection
- Side DIP switch for LFP mode selection
- 10/19-inch chassis compatible (MC-700 / MC-1000R / MC-1500)

FT-80x

Remote Management Converter

FT-90x
10/100TX to 100FX Managed Converter

- Web-based management
- Auto MDI/MDI-X on TP port
- Port-based / 802.1p QoS scheme
- Look Back Test Function (LBT) , Link Loss Return (LLR)
- Upgrades firmware through Web interface
- 10/19-inch chassis compatible (MC-700 / MC-1000R / MC-1500)

FT-90x

VDSL2 / Serial Media Converter

VC-201 / VC-202

10/100TX to VDSL2 Media Converter

- Cost-effect VDSL2 CO / CPE bridge solution
- One box design, CO / CPE selectable via DIP Switch
- Voice and data communication can be shared on the existing telephone wire simultaneously
- Selectable target data rate and target SNR margin
- Compact in size, easy installation
- 10/19-inch chassis compatible (MC-700 / MC-1000R / MC-1500)

VC-201

VC-202

ICS-100 / ICS-102

10/100TX to RS232 / 485 Media Converter

- Web-based management
- Operate as server mode or converter mode
- Supports PLANET Smart Discovery Utility
- DIN-Rail or wall mountable
- 10/19-inch chassis compatible (MC-700 / MC-1000R / MC-1500)

ICS-100

ICS-102

POF Media Converter

FT-807

10/100TX to 100FX POF Media Converter

- Auto MDI/MDI-X on TP port
- IEEE 1394b SMI Patch Cord, up to 50m
- RJ-45 TP to POF (Plastic Optic Fiber interface) conversion
- Low-Cost and High-Speed Data Transmission
- Compact Size and Easy Installation

FT-807

The match for Chassis and converter module

MC-700 / 1000R / 1500

- FT-80x
- GT-70x
- GT-80x
- FT-90x
- FT-1105A / 1205A
- VC-201 / 202
- ICS-10x

MC-1600MR / MR48

- FST-80x
- GST-70x

Wireless LAN

Indoor and Outdoor, Get Non-stopped Connection

Wireless LAN is changing current network structure rapidly. Due to the popularity of the mobile calculating devices such as notebooks and PDAs, and the users are anxious to free themselves from constraints on cables, the contemporary enterprises should consider to deploy their own WLAN.

PLANET provides both indoor and outdoor wireless solutions in accordance with different purposes and demands. With the implementation of 802.1x and WPA (Wi-Fi Protected Access), wireless LAN users have a high level of assurance that their data will remain protected and that only authorized users can access the network.

However, the system integrators may still find it is difficult to use IEEE 802.11 technologies in a large scale area because of the sophisticated manage task and layer 2 only capability. PLANET MESH Network offers a perfect solution for such deployment. Combining the abilities of central management and layer 3 routing intelligence, PLANET MESH Network provides a secure and seamless roaming beyond traditional WLAN boundaries.

- **Wireless connection without hassles and cost of cabling**
- **Compliant with wireless industrial standards**
- **High security with WEP, WPA, WPA2**
- **User-friendly interface to ease the management**

IEEE 802.11b/g

WRT-414 / WRT-416
802.11b/g AP Router

- Up to 54Mbps data rate
- Firewall protection
- Provides AP / WDS / Bridge modes
- WRT-414 supports WISP mode
- QoS implemented in WRT-414

WRT-414

WRT-416

WAP-4033 / WAP-4033PE / WAP-4035
802.11b/g Access Point

- Compliant with 802.11g and 802.11b standards
- AP / Bridge / Repeater / WDS modes
- 802.3af PoE support for WAP-4033PE
- Supports WPA2 / WPA
- Transmit power control

WAP-4033 / WAP-4033PE

WAP-4035

WL-U356L / WL-8317
802.11b/g USB / PC Card Adapter

- 802.11g wireless LAN standard
- Up to 54Mbps data rate
- Enhanced security with WPA2
- Ad-Hoc / infrastructure mode
- Compatible with 802.11b devices

WL-U356L

WL-8317

WL-U356A
USB Adapter with Detachable Antenna

- USB interface for easy installation
- Reversed SMA connector provided
- Provides 54Mbps wireless speed
- Secures WLAN with WPA

WL-U356A

Super G

WRT-410A
Super G AP Router

- 108Mbps high transfer rate
- Supports DDNS
- NAT / SPI firewall
- MAC / IP / Protocol / URL filters
- WPA / WPA2 wireless protection

WRT-410A

Super G

WAP-4060PE
Super G PoE Managed AP

- 2.4GHz 108Mbps operation
- Equips 802.3af PoE port
- Multiple SSID with VLAN support
- 5 operational modes
- Adjustable transmit power

WAP-4060PE

WAP-4000A
Super G AP

- 108Mbps transfer rate
- WPA enhanced security
- Auto fall-back data rate
- AP / Bridge/ Repeater / Client models
- Output power control

WAP-4000A

WL-U357 / WL-3560 / WL-8310
Super G USB / PC Card / PCI Adapter

- Up to 108Mbps data rate
- Works with 802.11g and 802.11b devices
- Supports most popular windows systems
- Supports WPA with RADIUS authentication

WL-U357

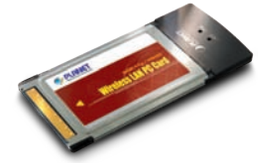
WL-3560

WL-8310

MIMO WLAN

WML-3565 / WML-8315
MIMO PC Card / PCI Adapter

- Increased coverage with MIMO antenna design
- 802.11g standard provides 54Mbps speed
- Supports WMM
- High level security with WPA / WPA2



WML-3565

WML-8315

802.11a/b/g WLAN

WDAP-2000PE
Dual RF Managed a/b/g Access Point

- 5GHz & 2.4GHz dual band support
- Super A / G Mode offers 108Mbps data rate
- IEEE 802.3af PoE port provided
- AP / WDS modes
- Supports multiple SSID, VLAN, & QoS

WDAP-2000PE

IEEE 802.11n 300Mbps WLAN

WNRT-610
802.11n AP Router

- Complies with Draft 802.11n, 802.11g, and 802.11b standards
- 2.4GHz ISM unlicensed frequency band
- WPA / WPA2-PSK mechanism eases the security setup
- NAT operation with SPI firewall

WNRT-610

WNL-U550 / WNL-9310
802.11n USB / PCI Adapter

- Draft 802.11n compatible
- Farther coverage, higher speed
- Inter-operable with 802.11g devices
- Ad-Hoc / infrastructure mode

WNL-U550

WNL-9310

WNRT-620
802.11n AP Router

- Wi-Fi certified for 802.11n & WPS
- Up to 300Mbps data rate
- AP / Bridge / WDS operational modes
- User definable QoS policy
- Advanced firewall

WNRT-620

WNL-U552 / WNL-U553 / WNL-9320
802.11n USB / PCI Adapter

- Wi-Fi certified for 802.11n & WPS
- Up to 6X faster and 5X farther than 802.11g
- QoS support via WMM settings
- Supports software AP
- Enhanced WPA / WPA2 security

WNL-U552

WNL-U553

WNL-9320

Outdoor WLAN

WAP-6000 / WAP-6100
802.11g AP / AP w/ 12dBi Antenna

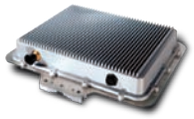
- IP-66 level solid housing
- Proven reliable outdoor solution
- Power over Ethernet design
- Multiple operational modes for various applications
- Transmit power control

WAP-6000

WAP-6100

WAP-7000
802.11a Bridge

- 802.11a 5GHz operation
- Provides building to building non-interference connections
- IP-66 housing provides protection against rigorous weather conditions
- Adjustable output power

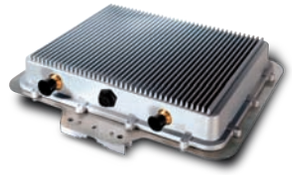


WAP-7000

802.11a/b/g Mesh Network

MAP-2000 / MAP-2000R / MAP-2100
Layer 3 11a/b/g Mesh AP

- 54Mbps 802.11a/g with auto-fallback
- Layer 3 full dynamic routing
- HTTPS management
- Self-configure, self-adaptation
- Central management



MAP-2000

MAP-2105
Mobile IP Server for MAP-2000 Series

- Provides mobile IP capability to mesh network consists of MAP-2000 series
- Optimized for 500 users
- Secured HTTP management
- Supports VPN client

MAP-2105

MAP-3000 / MAP-3000A / MAP-3100 / MAP-3120
Layer 2/3 11a/b/g Mesh AP

- Dual 802.11a/g radios for backhaul and local access
- Supports Layer 2 or Layer 3 infrastructures
- Multiple SSID with VLAN support
- MAP-3000A Provides 23dBm high transmit power
- Distributed deployment, central management

MAP-3100

MAP-3105
Mobile IP Server for MAP-3000 Series

- Provides mobile IP capability to mesh network consists of MAP-3000 series
- Optimized for 1000 users
- Secured HTTP management
- Supports VPN client

MAP-3105

WLAN Security Gateway

WSG-404
802.11b/g Wireless Subscriber Gateway

- Up to 54Mbps with auto-fallback
- 2dBi dual detachable diversity antenna with reverse SMA
- Built-in 64/128-bit WEP encryption
- Subscriber SSL Login page / Admin page
- VPN (IPSec/PPTP) pass-through

WSG-404

WLS-1280
Wireless LAN Switch / Security Gateway

- Manageable APs include WAP-4033/4033PE and WAP-4060PE
- Up to 12 managed APs
- VPN pass-through
- DoS attack protection
- MAC access control list

WLS-1280

WLAN Connecting Device

WPG-110
802.11b/g Wireless Presentation Gateway

- Built-in 802.11g AP
- Login code request to block unauthorized users
- Video streaming and presentation modes
- Audio output
- Conference control for multi-users presentation

WPG-110

BT-510U / BT-520U
Class 1 / Class 2 USB Bluetooth Adapter

- USB 2.0 attached interface
- Bluetooth v2.0 + EDR specification compliant
- Multi-lingual management utility
- Low power consumption

BT-510U

Wireless LAN Accessories

2.4G / 5GHz Antennas

ANT-FP18
2.4GHz Flat Panel 18dBi Outdoor Antenna

- Horizontal: 30˚
- Vertical: 20˚
- Connector: N-female

ANT-SE18
2.4GHz Sector 12-18dBi Adjustable Outdoor Antenna

- Horizontal: 60˚ - 120˚
- Vertical: 10˚
- Connector: N-female

ANT-GR21
2.4GHz Grid 21dBi Outdoor Antenna

- Horizontal: 8˚
- Vertical: 5˚
- Connector: N-female

ANT-OM15
2.4GHz Omni-Directional 15dBi Outdoor Antenna

- Horizontal: 360˚
- Vertical: 10˚
- Connector: N-female

ANT-OM8
2.4GHz Omni-Directional 8dBi Outdoor Antenna

- Horizontal: 360˚
- Vertical: 10˚
- Connector: N-female

ANT-YG13
2.4GHz Yagi 13dBi Outdoor Antenna

- Horizontal: 25˚
- Vertical: 15˚
- Connector: N-female

ANT-YG20
2.4GHz Yagi 20dBi Outdoor Antenna

- Horizontal: 20˚
- Vertical: 15˚
- Connector: N-female

ANT-OM5
2.4GHz Omni-Directional 5dBi Indoor Antenna

- Horizontal: 360˚
- Connector: SMA

ANT-CM5
2.4/5GHz Ceiling Mount Indoor Antenna

- Gain: 3dBi@2.4GHz, 4dBi@5.xGHz
- Horizontal: 45˚
- Vertical: 75˚
- Connector: SMA

ANT-FP18A
5GHz Flat Panel 18dBi Outdoor Antenna

- Horizontal: 10˚
- Vertical: 10˚
- Connector: N-female

ANT-SE17A
5GHz Sector 17dBi Outdoor Antenna

- Horizontal: 120˚
- Vertical: 10˚
- Connector: N-female

ANT-OM10A
5GHz Omni-Directional 10dBi Outdoor Antenna

- Horizontal: 360˚
- Vertical: 6˚
- Connector: N-female

2.GHz Booster

WBT-200
2.4GHz WLAN Indoor Booster

- Transmitter output power: 100/200/500mW
- Receiver Gain: 10-13dBm

WBT-1000
2.4GHz 1W WLAN Booster

- Transmitter output power: 1000mW
- Receiver Gain: 20dBm

Thunder Protection & Cables

WL-SMA-0.6
0.6m SMA to N-type Cable

WL-SMA-6
6m SMA to N-type Cable

WL-N-10
10m N-type to N-type Cable

WL-N-0.6
0.6m N-type to N-type Cable

WL-NM-0.6
0.6m N-type to N-type Cable (for WBT-1000 Use)

WL-MMC
0.3m MMCX to SMA Cable

WL-LTN
Lightning Arrester

IP Telephony

Deliver Your Voice in Real Time

For accessing Internet today, data and voice allow to be transmitted at the same time via VoIP devices.

Saving the telecommunication costs of long-distance calls, or international calls, PLANET VoIP solutions are designed to bring the convenience and satisfaction of simple operation while making the calls.

H.323, SIP (Session Initialization Protocol) replace the traditional circuit switch analog voice with lower costs and offer toll-quality voice communication with the growing of Internet.

- **Toll-quality voice communication over Internet**
- **H.323, SIP protocols for flexibility of installation**
- **Diversity in installation from ITSP, enterprises, SOHO to personal environments**
- **Standard compliance with third party telephony gateways, Gatekeepers, Proxy Servers**
- **Easy configuration and management**

SIP IP Phones

VIP-154T/ VIP-154PT / VIP-154NT

IP Phone w/ PoE / PSTN

- Integrated 802.3af PoE
- PSTN / VoIP call selection
- Outbound / STUN for NAT transversal
- Auto-Provisioning for PLANET IP PBX
- 3-Way Conference, Caller ID
- Call hold, waiting, transfer and forward

VIP-154NT

VIP-155PT

PoE IP Phone

- SIP 2.0 & IAX2
- Integrated 802.3af PoE
- Voice Record / DDNS
- NAT / Firewall / DHCP Server / QoS
- 3-Way conference, caller ID
- Call hold, transfer and forward

VIP-155PT

VIP-350PT / VIP-550PT

PoE Business IP Phone

- Integrated 802.3af PoE
- 3 service domains registration
- 2 lines IP telephone
- Instant message / voice mail integration
- 3-Way conference, caller ID
- Call hold, waiting, transfer and forward

VIP-550PT

VIP-192

802.11b/g Wi-Fi Phone

- 1.8" color graphical LCD
- WEP, WPA, and WPA2 encryption
- UPnP / STUN for NAT transversal
- Calendar / Calculator / SMS
- Call hold, transfer and forward
- Web-based management

VIP-192

Wi-Fi SIP Smart Phones

VIP-191

Wi-Fi SIP Smart Phone

- 2.2" color graphical LCD
- Windows messenger
- Media Player 9.0
- Internet Explorer mobile
- 0.3-Megapixel CMOS camera
- H.323 video conference

VIP-191

VIP-195

GSM / Wi-Fi Dual-Mode Phone

- 2.8" TFT LCD with touch panel
- GPRS / GSM 900 / 1800 / 1900 MHz
- Windows messenger
- Media Player 9.0
- Internet Explorer mobile
- 2.0-Megapixel CMOS camera

VIP-195

SIP ATA

VIP-156 / VIP-156PE / VIP-157 / VIP-157S
1/2-Port SIP ATA

- Integrated 802.3af PoE
- 2 concurrent VoIP calls
- PSTN / VoIP call selection
- PSTN Life-Line
- T.38 FoIP / Auto-provisioning
- Auto-upgrade firmware

PC MAGAZINE EDITORS' CHOICE

VIP-156

VIP-161W / VIP-161SW
802.11b/g Wireless ATA

- SIP 2.0 and IEEE 802.11b/g
- T.38 and G.711 pass-through
- PSTN / VoIP call selection
- PSTN Life-Line
- 2 concurrent VoIP calls
- Auto-provisioning

VIP-161W

VIP-158
Palm SIP ATA

- SIP 2.0 (RFC 3261)
- STUN for NAT traversal
- PPPoE / DHCP / Fixed IP allocation
- Auto-provisioning
- Auto-upgrade firmware
- Utility management

VIP-158

IAD-200 / IAD-200W
1-Port FXS ADSL2/2+ Voice Gateway

- SIP 2.0 and IEEE 802.11b/g
- PSTN Life-Line
- Firewall / QoS support
- RIP1 / 2 routing
- FAX support
- 3-Way conference, caller ID

IAD-200W

SIP / DECT Voice Router

VIP-321
DECT VoIP Phone

- DECT and GAP compatible
- 1.5" color LCD with backlight
- 2 concurrent VoIP calls
- 5 DECT handset registering
- NAT Router / DHCP Server / QoS
- 3-Way conference, caller ID

VIP-321

VIP-462DG
Wi-Fi DECT VoIP Router

- SIP 2.0 and IEEE 802.11b/g
- DECT and GAP compatible
- 5 DECT handset registering
- PSTN Life-Line
- NAT / Firewall / DHCP Server / QoS
- Web-based and LCD menu configuration

VIP-462DG

Dual Protocol Voice Gateway

VIP-281GS
1-Port FXS / 1-Port GSM Voice Gateway

- H.323 / SIP dual-mode
- GSM 850 / 900 / 1800 / 1900 MHz
- SMS Server for SMS sending and receiving
- GSM PIN code protection
- Real time voice channels status display
- NAT Router / DHCP Server / QoS

VIP-281GS

VIP-281 / VIP-281FS / VIP-480 / VIP-480FS / VIP-480FO
2/4-Port Voice Gateway

- H.323 / SIP dual-mode
- Universal dial plan
- Auto-Provisioning
- T.30 / T.38 FoIP and G.711 pass-through
- NAT / DHCP Server / Virtual Server
- Perfect for SOHOs and branch office locations

VIP-281

VIP-880 / VIP-880FO / VIP-882
8-Port Voice Gateway

- H.323 / SIP dual-mode
- Up to 8 VoIP calls simultaneously
- T.30 / T.38 FoIP and G.711 pass-through
- Outbound / STUN for NAT transversal
- VoIP quality with Smart QoS
- Perfect for small and medium-sized enterprises

VIP-880

VIP-1680 / VIP-1680FO / VIP-2480 / VIP-2480FO
16/24-Port Voice Gateway

- H.323 / SIP dual-mode
- Standard 50 pin Telco connector
- VoIP quality with Smart QoS
- T.30 / T.38 FoIP and G.711 pass-through
- Real time voice channels status display
- Perfect for enterprises and service providers deploying VoIP applications

VIP-1680

VIP-2100
T1/E1 Trunk Gateway

- H.323 to SIP call conversion
- P2P / H.323 GK / SIP proxy calls
- SIP / H.323 T.38 FoIP relay
- Call detail record (CDR)
- Built-in IVR & call-flow controller for PSTN / VoIP calls
- Intelligent PSTN call routing and in-trunk hunting

VIP-2100

SIP IP PBX

IPX-1803 / IPX-1804
4-Port 30-User IP PBX

- 30 registration / 10 concurrent calls
- 30 Voice-mail accounts / 5 SIP trunks
- Up to 9 meet-me conferences
- Auto-attendant (AA) / Interactive voice response (IVR)
- Call parking / Caller ID detection
- T.30 / T.38 fax relay and pass-through

IPX-1804

IPX-1800N
4-Port ISDN 30-User IP PBX

- 30 registration / 10 concurrent calls
- 30 voice-mail accounts / 5 SIP trunks
- Multi-room meet-me conference
- Auto-attendant (AA) / Interactive voice response (IVR)
- Call detail record (CDR) / Voicemail
- Group-based call pick-up

IPX-1800N

IPX-300 / IPX-300W
100-User IP PBX

- SIP 2.0 and IEEE 802.11b/g
- 100 registration / 30 concurrent calls
- Built-in SIP proxy / NAT factions
- Auto-attendant (AA) / Interactive voice response (IVR)
- Call detail record (CDR) / Voicemail
- T.38 Fax relay and pass-through

IPX-300W

IPX-2000
2-Slot 200-User Stackable IP PBX

- 200 registration / 50 concurrent calls
- 200 Voice-Mail Accounts / 50 SIP trunks
- Up to 24 meet-me conference
- 3-layer IVR / Auto-attendant (AA)
- Call detail record (CDR) / Voicemail
- T.30 / T.38 Fax relay and pass-through

IPX-2000

H.323 IP PBX

IPX-1000 / IPX-1500
H.323 IP PBX

- 8~32 IP extension lines
- Distributed VoIP network infrastructure
- Off-net calling capability, call restriction, call access control
- Replaces old PBX directly without requiring any new wiring to be put in
- Ease-of-use web machine management
- VoIP quality with QoS

IPX-1000

IPX-1500

DECT Handset

DCT-101
Color Screen 2.4GHz DECT Phone

- DECT and GAP compatible
- 1.5" color LCD with backlight
- 12 Polyphonic ring tones
- Internal call / caller ID
- Alarm / calculator
- Phonebook with up to 250 entries

DCT-101

Skype Devices

UP-101 / UP-122
USB Skype Phone

- Popular Skype communication
- Full duplex voice communication
- Echo cancellation, noise reduction
- Free Skype Internet and Skype out calling
- Utility management
- LCD menu configuration

UP-122

SKG-300
Skype VoIP Personal Gateway

- Call waiting, 3-Way conference
- Voice recording, voice message
- Auto-detection and switching of incoming PSTN or VoIP calls
- Once handset for PSTN and internet calls
- Utility management

SKG-300

IP Surveillance

Your Security Cameras with Professional Management

With leading Internet Protocols technology and advanced R&D capabilities, the PLANET IP Surveillance System offers the powerful functions and cost-benefit solutions for SOHO, SMB to enterprises. The Total solutions provide the feature-rich combination to protect life, properties and a safety environment to fulfill all requirements from worldwide customers.

The PLANET IP Surveillance System includes CMOS, CCD, PTZ IP Cameras and Digital Video Recorder product lines with feature-rich functionalities of Multi-Profile, Two-Way Audio, PoE / Wireless / Wired, Day / Night Non-Stop Monitoring, Remote Central Management / Recording Software as well as 3GPP Mobile Surveillance to meet multiple demands and offer the cost-effective security solution. Combining the advanced features and expand infrastructure monitoring and management, the PLANET IP Surveillance System is your best choice to build up the most reliable surveillance networks. Integrate and upgrade your networked security equipments into PLANET IP Surveillance System NOW!

The PLANET IP Surveillance System can usually include the following main product lines:

- Desktop IP Camera
- Box IP Camera
- Dome IP Camera
- IR IP Camera
- P/T/Z IP Camera
- Digital Video Recorder
- Digital Capture Card
- Internet Video Server
- Analog Camera

M-JPEG CMOS IP Camera

ICA-110 / ICA-110W

Wired / Wireless IP Camera with IO

- Simple to use
- Variety of platforms
- Web configuration
- RS-485 interface
- Remote utility

ICA-110 ICA-110W

ICA-210 / ICA-210W

Wired / Wireless IP Camera with PT

- Supports PTZ
- Web configuration
- Privacy mode
- PIR sensor
- White light LED

ICA-210 / 210W

ICA-107 / ICA-107P / ICA-107W

Wired / PoE / Wireless IP Camera

- Simultaneous viewing
- Standard image format
- Supports DDNS and UPnP
- Easy setup
- Windows-based utility and web configuration

ICA-107/107P ICA-107W

MPEG-4 CMOS IP Camera

ICA-108 / ICA-108W

Wired / Wireless IP Camera with IR

- Multi-profile
- 10m IR distance
- 3GPP
- 2-way audio
- Adjustable digital zoom

ICA-108 ICA-108W

ICA-151

Desktop IP Camera with 2-way Audio

- Supports dual video
- Live video to multiple users
- Supports multi-protocol
- Supports Syslog
- 2-way audio

ICA-151

ICA-150W / ICA-550W

Wireless IP Camera with Fixed and PT Lens

- Dual video compression support
- 4x digital zoom
- IEEE 802.11g
- Build-in microphone
- Detachable antenna

ICA-150W ICA-550W

CCD IR IP Camera

ICA-310 / ICA-310W / ICA-312

30m / 25m IR Wired / Wireless IP Camera

- Multi-profile
- 3GGP for 3G mobile
- High-light IR LED
- Adjustable digital zoom
- IP-66 protection

ICA-310

ICA-312

ICA-350

30m IR IP Camera with Heater

- Built-in high quality CCD sensor
- 30 meter IR distance
- Build-in heater and fan
- IP-66 protection
- 3GPP for 3G mobile

ICA-350

CCD Dome-type IP Camera

ICA-500

PT IP Camera

- Easy for use
- Audio capability
- DDNS / NTP
- Image rotation
- IP filter / User authentication

ICA-500

ICA-530

20m IR IP Camera

- 3-Axis rotation
- High-light IR LED
- IR-cut filter
- DI/DO
- RS-485 for external P/T scanner

ICA-530

ICA-510

Fix Lens IP Camera

- Dual video stream
- Multi-profile
- D1 resolution
- 2-way audio
- IEEE 802.3af PoE

ICA-510

ICA-525

Vandal-Proof Vari-Focal IP Camera

- 20 meter IR distance
- 3.7 – 12mm Vari-Focal lens
- 480TVL 1/3" Sony CCD
- Auto-Iris / IR-Cut filter
- 2-way audio
- IP-66 / Vandal proof protection

ICA-525

Speed Dome IP Camera

ICA-601 / ICA-651

Indoor / Outdoor 22x Speed Dome IP Camera

- PTZ , 360 degree continue pan
- 22x optical, 10x digital zoom
- IP-66 protection
- 2-way audio
- DI/DO/RS-485

ICA-601

ICA-651

Box-type CCD IP Camera

ICA-700

Fixed lens PoE IP Camera

- D1 Resolution
- IEEE 802.3af PoE
- 2-way audio
- 3GPP
- CS mount lens

ICA-700

ICA-750

Fixed lens PoE IP Camera with IO and ICR

- IR-Cut filter Removable
- CS mount lens, Auto-Iris
- IEEE 802.3af PoE
- Built-in microphone
- IP filter

ICA-750

Cam-Viewer

CVP-16 / CVP-32 / CVP-64

16/32/64-channel Cam Viewer Professional version

- Dual monitor display
- Smart guard
- Comprehensive recording
- Multi-function playback
- Playback video enhancement
- Counting application

Network DVR

DVR-460 / DVR-860

4/8-Channel MPEG-4 Network DVR

- MPEG-4 compression
- Triplex operating
- Intelligent motion trigger recording
- Multi-language OSD
- Supports PTZ protocol
- Covert recording

DVR-460

DVR-860

DVR-470 / DVR-1670

4/16-Channel H.264 Network DVR

- High compress rate
- VGA output
- 4 HDD slot, 2TB compatibility
- Privacy mask
- Supports PTZ protocol
- CD-RW backup

DVR-1670

Video Server

IVS-110

1-Channel PoE Video Server

- Multi-profile supported
- 3GPP for 3G mobile
- Adjustable digital zoom
- Power output port for connecting analog camera
- RS-485
- IEEE 802.3af PoE

IVS-110

Video Capture Adapter

DVC-400 / DVC-400C / DVC-800

4/8-Channel Video Capture Adapter

- Co-work with DOM for up to 16/64-Channel
- M-JPEG/MPEG-4 streaming for remote monitoring
- Multi-Tasking
- On-screen playback
- 100 user accounts with different configuration
- Windows utility supports 1024-channel management

DVC-400

DVC-800

DrView

CAM-DM33

Dome-type Analog Camera

- Low cost solution
- Small size
- Easy hide
- Easy install

CAM-DM33

CAM-IVP52 / CAM-IVP52V

Vandal-Proof Analog Camera with 25m IR and Vari-Focal

- Zero-Lux illumination
- Day/Night vision
- IP-66 protection
- Indoor/outdoor environment
- AES/AGC/AWB
- Vari-focal lens

CAM-IVP52V

CAM-VP38

Vandal-proof Analog Camera

- 10 pounds vandal-proof
- AES/AGC/AWB
- Indoor/outdoor environment
- Employs digital signal processor
- IP-66 protection

CAM-VP38

CAM-ISD48

23x Indoor Speed Dome Camera

- High resolution CCD 480 TVL, Sony day / night zoom module
- 23x optical / 10x digital zoom
- Continuous panning for 360 degree ; Tilt for 90 degree
- 3 alarm inputs and 1 alarm output
- Supports outdoor housing (optional)

CAM-ISD48

CAM-IR15 / CAM-IR30
CAM-IR138 / CAM-IR338 / CAM-IR552

15m / 30m / 50 m IR Analog Camera

- Zero-Lux illumination
- Day/Night vision
- IP-66 protection
- Indoor/Outdoor environment
- AES/AGC/AWB

CAM-IR552

CAM-IR442V

40M Infrared Vari-Focal Camera

- Built-in 1/3" Sony CCD with 420 TVL resolution
- Vari-Focal lens: 9mm ~ 22mm
- Min. Illumination 0.3 Lux / F2.0
- IP-67 water resistance approved
- Long distance IR up to 40 meters

CAM-IR442V

Network Security

Protective and Dependable

With the growth of the Internet threats, network security becomes the fundamental concerns of family network and enterprise network. To enhance your business network protection, PLANET Technology offers a total network security solution to effectively defend your network against attacks at the forefront.

The PLANET Security Router family has Broadband Router, VPN Router, Multi-homing Gateway, UTM Content Security Gateway, SSL VPN Gateway, Internet Monitor, Bandwidth Management Gateway, and Server Load Balance.

The PLANET UTM Content Security Gateway, a special designed of security gateway, can adopt Heuristics Analysis to filter spam and virus mail, and the auto-training system can rise identify rate of spam. The Anti-virus application has double virus scan engines - Clam and Sophos which can detect viruses, worms and other threats from transferring E-mail and Internet network. Moreover, the IDP and firewall functions can defense hackers and blaster attacks from the Internet or Intranet.

Broadband Router / VPN Gateway

XRT-401D / XRT-401E
Broadband Router

- Virtual Server and DMZ
- DHCP Server
- Remote Management
- UPnP support
- Stateful Packet Inspection firewall for DoS attacks
- URL Filtering and Access Control

XRT-401D

XRT-501
Gigabit Broadband Router

- All Gigabit Ports for 1 WAN and 4 LAN ports
- SPI Firewall
- VPN Pass Through
- QoS
- Content and URL Filters
- DMZ, DDNS, and Virtual Server support

XRT-501

XRT-412
Broadband Router w/ USB Print Server

- USB Print Server support
- USB 2.0 print port
- Virtual Server and multiple DMZ
- UPnP support
- DHCP Server
- Stateful Packet Inspection firewall for DoS attacks

XRT-412

VRT-311S / VRT-401
10/100-tunnel VPN Broadband Router

- Multiple DMZ support
- DDNS
- Virtual Server
- IPSec and PPTP
- 10 / 100 IPSec tunnels (VRT-311S / VRT-401)
- Stateful Packet Inspection firewall for DoS attacks

VRT-311S

Multi-Homing Security Gateway

MH-1000
100-tunnel 2-WAN VPN Gateway

- WAN Load Balance and Fail-over
- DNS inbound load balance
- QoS
- IPSec and PPTP VPN
- 100 IPSec tunnels
- SPI Firewall with DoS protection

MH-1000

MH-2001
200-tunnel 2-WAN VPN Gateway

- WAN Load Balance and Fail-over
- Multiple NAT
- Content Filtering
- IPSec and PPTP VPN
- 200 IPSec tunnels
- SPI Firewall with DoS protection

MH-2001

UTM Content Security Gateway

CS-1000 / CS-2000

200/1000-Tunnel UTM Security Gateway

- Anti-virus and Anti-Spam for mail security support
- Spam mail learning system
- IDP
- SPI Firewall
- IPSec, PPTP, SSL (CS-2000) VPN
- 200 / 1000 IPSec tunnels

CS-1000

CS-2000

SG-500 / SG-1000

Web VPN, IPSEC VPN Security Gateway

- SSL, IPSec, and PPTP (SG-1000) VPN
- 5 / 50 SSL tunnels
- VPN Trunk (SG-1000)
- Content Filtering
- SPI Firewall
- Hacker Alert and Anomaly Flow Detection

SG-500

SG-1000

Internet Monitor / Bandwidth Management

IM-1000

100-Users Internet Activities Monitor

- Monitor Web Mail, SMTP, POP3, IM, HTTP, FTP, and TELNET Contents
- Sniffer or Bridge Mode Deployment
- Record Backup
- Easy-to-use Web UI and Friendly Charts
- User Authentication
- Built-in 160GB hard disk

IM-1000

BM-525 / BM-2101

25/100Mbps Bandwidth Gateway

- Traffic classification based on IP, IP range/subnet, and TCP / UDP port range
- Guaranteed and Maximum bandwidth with three levels of priorities
- QoS Quota per Session and Quota per Day (BM-2101)
- Outbound load-balancing function (BM-2101)
- Maximum Controlled Bandwidth 25 / 100Mbps
- Content Filter includes URL, Script, P2P, IM, and Download blocking

BM-525

BM-2101

Enterprise Router

ERT-805

1-port V.35/V.24 Enterprise Router

- Up to 2.048Mbps through
- One V.35 / RS-232 serial interface for connecting to CSU / DSU
- With Cisco IOS-like command line interface
- NAT and ACL functionality to secure local network
- IPSec tunneling with DES or 3DES encryption and L2TP
- Three WAN protocols on its WAN interface: PPP, HDLC, and Frame-Relay

Accessories

CB-ERTV35-MT	V.35 DTE Cable (Male) for ERT series router
CB-ERTV35-FC	V.35 DCE Cable (Female) for ERT series router
CB-ERT232-MT	V.24 DTE Cable (Male) for ERT series router
CB-ERT232-FC	V.24 DCE Cable (Female) for ERT series router
CB-ERTX21-MT	X.21 DTE Cable (Male) for ERT series router
CB-ERTX21-FC	X.21 DCE Cable (Female) for ERT series router

ERT-805

L4/7 Server Load Balancer

LB-8000

L7 Application Server Load Balancer

- Load Balancing for most IP-based Applications
- Multiple Load Balancing Methods include round robin, weighted round robin, least connections, and weighed least connections
- Flexible Network Configurations include NAT, direct routing, and IP tunneling
- Multiple Server Health Check methods from layer 2 to 7
- Active-Standby mode eliminates the single point of failure
- Super High Availability with support of Bi-Directional Stateful Failover, Nice Fail Back, and Dual-path Heartbeat

LB-8000

Broadband Communication

Enjoy a Triple Play Networking

DSL (Digital Subscriber Line) is a broadband technology which transmits digital data, voice, and entertainments over telephone lines at multi-megabit speeds and can be shared across all the computers in an office or home over a single DSL phone line. By taking use of conventional telephone wire, DSL technology is currently the most popular broadband access service as it is the most convenient, cost effective and simple method of broadband deployment compared to rival cable modem and satellite. DSL communication also provides the high data privacy with the functions of VPN and Firewall.

The PLANET Broadband Communication family has IP DSLAM, ADSL 2/2+ Modem Router, G.SHDSL / G.SHDSL.bis Bridge Router, VDSL 2 Bridge Router, and Power Line Communication.

The PLANET IDL series offer the benefit of high performance to central office co-location and MTU (Multi-Tenant Unit) / MDU (Multi-Dwelling Unit) markets. It provides service of broadband data over existing copper wires without affecting the conventional voice service by 24 / 48 subscriber ports with built-in POTS splitter. A PLANET IP DSLAM is the perfect solution for Telecom or NSP with cost-effective and high-value centrally managed capability.

IP DSLAM

IDL-2400 / IDL-2401 / IDL-4800 /IDL-4801
24/48-port ADSL 2/2+ DSLAM

- 24/48-Port DSL / ADSL2 / ADSL2+ Subscriber Interface with build-in POTS Splitter
- 1000Base-T or FX Uplink / Subtend Interface (module selectable)
- Static VLAN and Port-based VLAN support
- Stackable support
- Microsoft NT with SNMP-based GUI EMS management
- Local RS-232 CLI and Ethernet SNMP / Telnet management

Accessories

IDL-PAN-48	IDL MDF Patch Panel
IDL-CBL-5	IDL 5-Meter Cable

IDL-4800

ADSL 2/2+ Router

ADE-3400 / ADE-3410
Single Port ADSL 2/2+ Router w/ USB

- Compliant with ADSL 2+ standard
- Built-in 1 port switch with auto MDI / MDI-X capability
- Built-in USB 1.1 port (ADE-3410)
- Virtual Servers and DMZ
- VPN Pass through
- SPI Firewall (ADE-3400)

ADE-3400

ADE-4400
4-port ADSL 2/2+ Router

- Compliant with ADSL 2+ standard
- Built-in 4-port switch with auto MDI / MDI-X capability
- Virtual Servers and DMZ
- VPN Pass through
- SPI Firewall
- Access Control

ADE-4400

ADW-4401
4-port ADSL 2/2+ wireless Router

- 802.11g Wireless ADSL 2/2+ Modem Routers
- Built-in 4-port switch with auto MDI / MDI-X capability
- Virtual Servers and DMZ
- VPN Pass through
- SPI Firewall
- Access Control

ADW-4401

ADW-4302
4-port ADSL 2/2+ wireless VPN Router

- 802.11g Wireless ADSL 2/2+ Modem Routers
- Built-in 4-port switch with auto MDI / MDI-X capability
- IPSec VPN
- PPTP VPN
- SPI Firewall
- Access Control

ADW-4302

G.SHDSL / SHDSL.bis Router

GRT-101 / GRT-401 / GRT-402

2-wire / 4-wire G.SHDSL Router

- G.SHDSL Bridge Router with 1 / 4-Port Switch
- High Speed Symmetric Data Transmission, data rate up to 2.3 / 4.6 Mbps at 6.7km
- Fully ATM protocol stack implementation over SHDSL
- PPPoA and PPPoE support user authentication with PAP / CHAP / MS-CHAP
- Port-based and IEEE 802.1Q VLAN over ATM network
- SNMP management with MIB II

GRT-101

GRT-501

2-wire G.SHDSL.bis Router

- G.SHDSL.bis Bridge Router
- High Speed Symmetric Data Transmission, data rate up to 5.7 Mbps at 6.7km
- Fully ATM protocol stack implementation over SHDSL.bis
- PPPoA and PPPoE support user authentication with PAP / CHAP / MS-CHAP
- IEEE 802.1Q VLAN over ATM network
- SNMP management with MIB II

GRT-501

VDSL2 Router

VC-200M / VC-200S

VDSL2 Router

- Standard compliant VDSL2 (ITU-T G.993.2) support
- Selectable VDSL2 transmission modes
- NAT and IP Maps
- Statistic and Log Reporting
- Virtual Servers
- UPnP and DHCP support

VC-200M / VC-200S

Powerline Adapter

PL-201 / PL-420
1/4-port 85Mbps Powerline Bridge

- HomePlug Powerline Specification 1.0 Turbo compliant
- Up to 85Mbps data rate on the powerline
- Up to 200 meters between powerline nodes
- Plug-and-Play Installation Support
- Utility supports Connection Manager Software
- 56-Bit DES link Encryption

PL-201

PL-420

PL-501
200Mbps Powerline Bridge

- HomePlug AV compliant
- Up to 200Mbps data rate on the powerline
- Co-existence with HomePlug 1.0 and HomePlug 1.0 Turbo
- Built-in QoS
- Utility supports Connection Manager Software
- 128-Bit AES link Encryption

PL-501

VDSL2 Media Converter

VC-201 / VC-202
10/100-Base TX to VDSL2 Media Converter

- Cost-effect VDSL2 CO / CPE bridge solution
- One box design, CO / CPE selectable via DIP Switch
- Voice and data communication can be shared on the existing telephone wire simultaneously
- Selectable target data rate and target SNR margin
- Compact in size, easy installation
- 10/19-inch chassis compatible (MC-700 / MC-1000R / MC-1500)

VC-201

VC-202

Network Peripheral

Sharing Resource Everywhere at Business and Home

PLANET Network Peripheral saves the additional cost for users to create an effective network environment with most convenient network peripheral devices, such as installing a print server to share one printer to whole users in the office. And it also provides the Internet users to login and print their documents. The Internet management helps network administrators to monitor the power status and make remote connected devices to power on/off without into the computer room.

- **Standalone servers with easy management interfaces**
- **Innovative digital home solution**
- **Wired and Wireless capability on Print Servers**
- **Connects networks with high performance**
- **Makes network services complete**

Network Attached Storage

NAS-7400
4-Bay SATA NAS Server

- 4 SATA I/II 3.5-inch disk drives
- Hot-swapping of disk drives
- RAID level support: RAID 0, 1, 5, and 10
- Background rebuilding
- Support large file up to 2 TB

NAS-7400

NAS-7100
Single Bay SATA Gigabit NAS Server with iTunes

- Supports 3.5" SATA I/II HDD
- Built-in Printer Server
- Windows Vista LLTD, PnP-X Supported
- Media Server function – iTunes, MP3 broadcast
- Download function (BT, FTP and HTTP)

NAS-7100

NAS-7101 / 7101G
Single Bay SATA Gigabit / WLAN NAS Server

- Supports 3.5" SATA I/II HDD
- 10/100/1000Mbps, Auto-MDI/MDIX
- Built-in Print Server
- Supports multi-platform
- FTP server
- BT Support

NAS-7101

Print Server

FPS-3300
3-Port DB-25 Print Server

- Supports most popular NOS
- Auto-MDI/MDI-X
- High-speed DMA mode supported
- Web browsers and Windows-based utility configuration
- Easy Management

FPS-3300

FPS-3121 / FPS-3121G
2-Port USB, 1-Port DB-25 Print Server

- Multiple printer interface
- Compatible with popular network utility
- Easy Management
- Supports most popular NOS
- Auto-MDI/MDI-X

FPS-3121

FPS-3121G

Print Server

FPS-1101 / FPS-1100DG
Wired / Wireless 1-Port DB36 Print Server

- Direct attach, without printer cable
- Slim size for hardware installation
- Easy management
- Web browsers and Windows-based utility configuration
- Supports most of OS

FPS-1101

FPS-1010 / FPS-1010G
Wired / Wireless 1-Port USB2.0 Print Server

- Supports most of OS
- Auto-Sensing
- Auto-MDI/MDIX
- Easy management
- IPP printing supported

FPS-1010G

FPS-1010M / FPS-1010MG
Wired / Wireless 1-Port USB2.0 MFP Print Server

- Multi-Function Printer supported
- GDI interface
- Windows-based utility
- Standard TCP/IP printing
- USB2.0 printer port

FPS-1010M

FPS-1011
1-Port USB2.0 GDI Print Server

- GDI interface
- USB2.0 printer port
- Auto-MDI/MDIX
- IPP printing support
- Print server / GDI print server mode

FPS-1011

IP Power Manager / IP KVM

IPM-8001 / IPM-8002
8-Port IP Power Manager

- Flexible configuration through different interface
- Turn on/off devices based on events or schedule
- Versatile sensors supported
- Easy monitoring of voltage/current consumption
- Detailed data-logging for statistical analysis and diagnostics

IPM-8001

IKVM-8000
8-Port IP KVM

- Hot-Plug function allowed
- High Video Quality – Up To 1920 x 1440
- LED Display for easily monitoring status
- Auto-detect daisy chain bank
- High-performance mouse tracking and synchronization

IKVM-8000

KVM Switch

KVM-210 / KVM-410
2/4-Port Combo KVM Switch

- Complex connections with PS/2 and/or USB arbitrarily
- VGA resolutions up to 2048 x 1536 @ 85HZ
- Supports hot-swap
- Auto-Scan function
- Supports Windows, Linux, Mac OS9/OSX, Sun Microsystems

KVM-210 / KVM-410

KVM-800 / KVM-1600
8/16-Port KVM Switch

- Daisy chain up to 8 unit
- PS/2 keyboard and mouse control
- Push button or hot key control
- No driver software needed
- Keyboard/Mouse state saved

KVM-800

KVM-E500
500 Feet KVM Extender

- Use CAT5, CAT5e, or CAT6 Ethernet cable
- Extension distance is up to 500 feet
- Up to 1280 x 1024 of High video resolution
- Local and remote consoles provided
- No software is required

KVM-E500

USB Hub

UH-421/UH-430
4-Port USB2.0 Hub

- USB 2.0 specification compatibility
- 4 USB2.0 ports up to 100mA per port or up to 500mA (with power adapter)
- Real time auto-detect the device adds or removes from USB port
- Plug and Play
- USB and ACPI compliant

UH-421

UH-430

UIH-420
4-Port Internal USB2.0 Hub

- USB1.1/2.0 specification compatibility
- Plug and Play
- 32Bit PCI Bus Rev2.2 standard
- Supports up to 128 devices
- Hot-swap

UIH-420

Ethernet Lightning Arrester

ELA-100
Lightning Arrester

- Prevents Ethernet devices including PoE damage by lightning strike with surge voltages
- 20 KA Lightning surge protection
- 2 passive 10/100/1000Base-T interfaces for 2 Ethernet devices connection
- Plug and play
- Cost saving and effective
- Easy Installation

ELA-100

Ethernet Adapter

ENW-9503A / ENW-9504
Fast Ethernet PCI Adapter

- Complies to PCI 2.1 and PCI 2.2 specification
- Complies with the IEEE 802.3 CSMA/CD
- Supports most of OS drivers
- Supports WOL function
- Auto-Negotiation

ENW-9503A

ENW-3504FC
Fast Ethernet CardBus PCMCIA Card

- Complies to 32bit CardBus interface
- Auto-negotiation
- Complies with the IEEE 802.3/802.3u
- Half/Full-Duplex
- Supports most of OS drivers

ENW-9504

ENW-9506/ST/SC/MT/VF
Fast Ethernet RJ-45 / Fiber PCI Adapter

- Complies to PCI 2.1 and PCI 2.2 specification
- 10/100Mbps auto-negotiation
- Complies with the IEEE 802.3 CSMA/CD
- Supports most of OS drivers
- Half/Full-Duplex

ENW-9506

ENW-9605

ENW-9605 / ENW-9700
Gigabit Ethernet PCI / PCI-E Adapter

- Auto MDI/MDI-X
- Full wire-speed Gigabit Ethernet rate
- WOL function
- Full/Half duplex mode
- Supports CSMA/CD protocol

ENW-9700

Online Support

PLANET's Global Website

PLANET's brand-new corporate website aimed at providing comprehensive, user-friendly, and interactive content with feature-rich resources. The new site also demonstrates PLANET's commitment to excellence in a higher level of customer satisfaction.

The PLANET new website features an innovative product knowledge database – a centralized resource area where worldwide users and our clients can gather information on latest products and solutions. The products and solutions database contain easily searchable product literature and download files on the improved interface, which help our clients easier to navigate. The solution section is specifically designed for the clients to access the related products efficiently on their specific application demands.

In this website, you can find the rich products and support information include:

- **Hot & available product ad & edm**
- **Overview, application, features, spec**
- **Icon, product & color box photo**
- **New products rotate**
- **Top 5 FAQ listing**
- **Related products, FAQ, Support resources**
- **Solutions with link to related products**

In addition, PLANET Partners Area is the dedicated Partners Website that provides our registered partners with rich resources of in-depth product and support details, sales and marketing tools, and worldwide success stories. This section will help our partners enhance expertise and thus expand profit opportunities.

We would like to invite you to view PLANET's Global Website via www.planet.com.tw, experience the latest online products information and solutions at any place, anytime.

Partner Area

PLANET Partners Area is the dedicated Partners Website that provides our registered partners with rich resources of up-to-date product and support details, sales and marketing tools, and worldwide success stories. After applying for the registration to PLANET Partner Area, you can establish your relationship with PLANET and get the easy access to a number of useful tools and support resources that help you sell PLANET products and solutions for expanding your revenue opportunities.

Enjoy the benefits and key features of Partner Area shown as below:

Support and Downloads

- Take advantage of updates on the support and downloads information such as product specifications, photos, EC declaration, emulators, sales guides, datasheets, quick install guide, manuals, drivers, and utilities.
- Keep informed of the EOL (End-of-Life) product News.
- Access to our warranty policy.

Marketing Tools

- Product Marketing Tools: Offer a wide variety of product marketing materials selection, such as product guide, product portforlio, solution guides, product quick guides, product posters, and promotion CD.
- Corporate Brand Tools: Provide useful tools to help you manage the brand promotions, including logo, slogans, company profile, global marketing kit, gifts, and certificates.

Success Story

- In order to help you capture growing marketing opportunities, this area will deliver the case studies of successful reference sites, and share the global activities of advertisements, exhibitions/events, press, and other results with our worldwide partners.

For more information about PLANET Website or Partner Area, please contact your regional sales representative, or email us at sales@planet.com.tw.

PLANET Networking & Communication

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